



PTO/SB/21 (02-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/005,820
		Filing Date	12/4/01
		First Named Inventor	William C. Schneider
		Art Unit	3671
		Examiner Name	Alexandra Pechhold
Total Number of Pages in This Submission	42	Attorney Docket Number	MSC-23178-1

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
<p>Remarks</p> <p>Enclosures</p> <ol style="list-style-type: none"> <li>1. NASA Form 1557 plus extra copy</li> <li>2. NASA Form 2615 plus extra copy</li> <li>3. Reply to Office Action Mailed February 26, 2004, consisting of 37 pages.</li> <li>4. Return postcard</li> </ol>		

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NASA Johnson Space Center James M. Cate, Reg. #25,181 <i>(Cate) JMC</i>
Signature	<i>James M. Cate</i>
Date	August 12, 2004

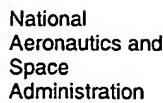
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	James M. Cate, Reg. #25,181		
Signature	<i>James M. Cate</i>	Date	8-12-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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National  
Aeronautics and  
Space  
Administration

Patent Application

MSC-23178-1

(NASA Case No.)



## Letter Transmitting Patent Amendment

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

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James M. Cate

Serial No.: 10/005,820 Confirmation No.: 9636 Filed: 12/4/01  
Examiner: Alexandra Pechhold Group Art Unit: 3671  
Entitled: Deceleration-Limiting Roadway Barrier

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The fee has been calculated as shown below:

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CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	45	41	4	x \$18.00 =	\$72.00
INDEPENDENT CLAIMS -----	8	7	1	x \$86.00 =	\$86.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$158.00

\*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

\*\*\*Minimum number here is 3, even though a lesser number appeared in the application as filed.

- Attached: Reply to Office Action Mailed 2/26/04 (37 pgs), NASA Form 1625 +copy, extra copy of this form, PTO/SB/21, & return postcard.
- Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

James M. Cate, Reg. #25,181

(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.